AMENDMENTS TO THE CLAIMS:

1-2. (Canceled)

3. (Currently amended) An electrochemical sensor, comprising:

a working electrode;

a counter electrode;

a reference electrode;

means for examining the reference electrode for examining an electric potential of the reference electrode;

an immobilized enzyme layer formed at least on the working electrode; and

~~The electrochemical sensor as claimed in Claim 2, wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

4. (Currently amended) An electrochemical sensor, comprising:

a working electrode;

a counter electrode;

a reference electrode;

means for examining the reference electrode for examining an electric potential of the reference electrode;

~~The electrochemical sensor as claimed in Claim 1, wherein~~

a spare reference electrode ~~is provided~~ for use in place of the reference electrode when the means for examining the reference electrode detects an abnormal electric potential of the reference electrode; and

an immobilized enzyme layer formed at least on the working electrode.

5. (Canceled)

6. (Currently amended) The electrochemical sensor as claimed in Claim 4 ~~5~~, further

comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

7. (Currently amended) The electrochemical sensor as claimed in Claim 4, further comprising: ~~wherein a~~

means for switching the reference electrode ~~is provided~~ by which the spare reference electrode is used in place of the reference electrode when the abnormal electric potential is detected by the means for examining the reference electrode.

8. (Canceled)

9. (Currently amended) The electrochemical sensor as claimed in Claim 7 ~~8~~, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

10. (Currently amended) The electrochemical sensor as claimed in Claim 4, further comprising: ~~wherein a~~

means for informing ~~is provided~~ to inform of the time of replacing the reference electrode when the abnormal electric potential is detected by the means for examining the reference electrode.

11. (Canceled)

12. (Currently amended) The electrochemical sensor as claimed in Claim 10 ~~11~~, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference

electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

13. (Currently amended) The electrochemical sensor as claimed in Claim 10, further comprising: ~~wherein a~~

means for switching the reference electrode ~~is provided~~ by which the spare reference electrode is used in place of the reference electrode when the abnormal electric potential is detected by the examining measures of the reference electrode.

14. (Canceled)

15. (Currently amended) The electrochemical sensor as claimed in Claim 13 ~~14~~, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

16. (Currently amended) An electrochemical sensor, comprising:

a working electrode;

a counter electrode;

a reference electrode; and

means for examining the reference electrode for examining an electric potential of the reference electrode,

~~The electrochemical sensor as claimed in Claim 1,~~

wherein the means for examining the reference electrode comprises ~~having~~ an examining electrode which is used as a standard to measure the electric potential of the reference electrode, and a measuring apparatus by which a potential difference between the examining electrode and the reference electrode is measured.

17. (Currently amended) The electrochemical sensor as claimed in Claim 16, further comprising: ~~wherein~~

an immobilized enzyme layer ~~is~~ formed at least on the working electrode.

18. (Currently amended) The electrochemical sensor as claimed in Claim 17, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

19. (Currently amended) The electrochemical sensor as claimed in Claim 16, further comprising: ~~wherein~~

a spare reference electrode ~~is provided~~ for use in place of the reference electrode when the means for examining the reference electrode detects an abnormal electric potential of the reference electrode.

20. (Currently amended) The electrochemical sensor as claimed in Claim 19, further comprising: ~~wherein~~

an immobilized enzyme layer ~~is~~ formed at least on the working electrode.

21. (Currently amended) The electrochemical sensor as claimed in Claim 20, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

22. (Currently amended) The electrochemical sensor as claimed in Claim 19, further comprising: ~~wherein a~~

means for switching the reference electrode ~~is provided~~ by which the spare reference electrode is used in place of the reference electrode when the abnormal electric potential is detected by the means for examining the reference electrode.

23. (Currently amended) The electrochemical sensor as claimed in Claim 22, further comprising: ~~wherein~~

an immobilized enzyme layer ~~is~~ formed at least on the working electrode.

24. (Currently amended) The electrochemical sensor as claimed in Claim 23, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

25. (Currently amended) The electrochemical sensor as claimed in Claim 19, further comprising: ~~wherein a~~

means for informing ~~is provided~~ to inform of the time of replacing the reference electrode when the abnormal electric potential is detected by the means for examining the reference electrode.

26. (Currently amended) The electrochemical sensor as claimed in Claim 25, further comprising: ~~wherein~~

an immobilized enzyme layer ~~is~~ formed at least on the working electrode.

27. (Currently amended) The electrochemical sensor as claimed in Claim 26, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

28. (Currently amended) The electrochemical sensor as claimed in Claim 25, further comprising: ~~wherein a~~

means for switching the reference electrode ~~is provided~~ by which the spare reference electrode is used in place of the reference electrode when the abnormal electric potential is detected by the means for examining the reference electrode.

29. (Currently amended) The electrochemical sensor as claimed in Claim 28, further comprising: ~~wherein~~

an immobilized enzyme layer ~~is~~ formed at least on the working electrode.

30. (Currently amended) The electrochemical sensor as claimed in Claim 29, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

31-32. (Canceled)

33. (Currently amended) An electrochemical sensor comprising:

a working electrode;

a counter electrode;

a reference electrode;

a spare electrode for use in place of the reference electrode when a use of the reference electrode is stopped;

an immobilized enzyme layer formed at least on the working electrode; and

~~The electrochemical sensor as claimed in Claim 32, wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.

34. (Canceled)

35. (Currently amended) An electrochemical sensor comprising:

a working electrode;

a counter electrode;

a reference electrode;

a spare electrode for use in place of the reference electrode when a use of the reference electrode is stopped;

means for switching the reference electrode by which the spare reference electrode is used in place of the reference electrode when the use of the reference electrode is stopped;

and

~~The electrochemical sensor as claimed in Claim 34, wherein~~

an immobilized enzyme layer ~~is~~ formed at least on the working electrode.

36. (Currently amended) The electrochemical sensor as claimed in Claim 35, further comprising: ~~wherein~~

a diffusion-limiting layer comprising ~~containing~~ fluoroalcohol ester of polycarboxylic acid, which covers ~~is formed so as to cover~~ at least the working electrode and the reference electrode, and is formed ~~provided~~ on the immobilized enzyme layer.